

Abstract

A balancing station for positioning and holding a vehicle wheel (36) for the attachment of a balance weight has a clamping device (13) which has at least two mutually opposing jaws (23, 25) designed for pressing against the wheel periphery, said jaws being rotatably mounted around a common clamping axis. At least one jaw (25) is rotatable and movable to and fro in the direction of the clamping axis by means of a drive. By means of a conveyor device (6) the vehicle wheel (36) can be conveyed prone between the jaws (23, 25) of the clamping device (13).

The clamping device (13) can be moved into a tilted position wherein the clamping axis is inclined at an angle of at least 30° from the horizontal out of a basic position wherein the clamping axis of the jaws (23, 25) is aligned substantially horizontally. By this means weights can be applied particularly ergonomically to the inner face of the wheel.

There follows: Figure 1